

OPERATIONS & MAINTENANCE



**US Army Corps
of Engineers** ®
San Francisco District

Project Map

BODEGA BAY CALIFORNIA

CONGRESSIONAL DISTRICT: 1st District, Rep. Mike Thompson; 6th District, Rep. Lynn Woolsey

PROJECT DESCRIPTION: This project is a shallow-draft harbor of refuge, supporting a Coast Guard search and rescue station, commercial and sport fishing, and recreational boating. The Operations and Maintenance schedule provides for inspection and periodic repair of one breakwater structure and two entrance jetties every other year, and infrequent (11-year cycle) maintenance dredging of the navigation channel, including three turning basins, to -12 feet Mean Lower Low Water (MLLW); also authorized for maintenance is the connecting channel to the Spud Point Marina. The sponsor (Sonoma County) is responsible for furnishing a suitable upland dredged material disposal site for the project.

FISCAL YEAR 03 BUDGET: \$1,750,000

PRESENT STATUS: Repairs to the breakwater were last completed in November 1986, (1961 for the entrance jetties) and the last inspection was conducted in the summer of 2001. A condition index (CI) number of 73 for the north jetty and a CI of 81 for the South Jetty were assigned. Condition indices range from 1 to 100, with below 40 considered inadequate and repair to be critical. Maintenance dredging was last completed in May 1992. The sponsor is interested in participating in new upland disposal site cost-sharing, provided for in the 1996 Water Resources Development Act (WRDA). An initial Economic Analysis indicated a new upland disposal site is justified. A preliminary Dredged Material Management Plan (DMMP) study, to identify the least-cost alternative for disposing of dredged material for this project, is scheduled for completion in FY02. This is the first project in the Corps to implement the cost-sharing provision in WRDA 96 for upland disposal sites. Because of the "first" distinction, this project will require HQUSACE level review and approval. FY02 Congressional Add funds will be used to complete the DMMP and request USACE approval to initiate construction of the new dredged material disposal site.

FUTURE EFFORTS: A breakwater status inspection will be conducted in the summer of calendar year 2003. Construction of the upland dredged material disposal site is scheduled for completion in FY03. Maintenance dredging is scheduled for July 2003.